



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
..... yes no
..... yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 35,398
Anthony C. Murabito	Registration No.: 35,395
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: 42,293
Thomas M. Catale	Registration No.: P-46,434
Jose S. Garcia	Registration No.: 43,613
Kenneth N. Glass	Registration No.: 42,587
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 42,641
Ronald M. Pomerence	Registration No.: 43,009
William A. Zarbis	Registration No.: 46,130

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: **Lawrence S. Pan**

Inventor's Signature _____ Date _____
 Residence **Los Gatos, California** _____ Citizenship **USA** _____
 (City State)
 P.O. Address **251 Kingston Hill Way, Los Gatos, California 95032**

Full Name of Second/Joint Inventor: **Donald R. Schropp, Jr.**

Inventor's Signature _____ Date _____
 Residence **San Jose, California** _____ Citizenship **USA** _____
 (City State)
 P.O. Address **835 Asbury Street, San Jose, California 95126**

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature  Date 7/24/00
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: **Shiyou Pei**

Inventor's Signature _____ Date _____

Residence **San Jose, California** _____ Citizenship **China** _____
(City State)

P.O. Address **4194 Hamilton Avenue, Apt 9, San Jose, California 95130**

Full Name of Twelfth /Joint Inventor: **Kollengode S. Narayanan**

Inventor's Signature _____ Date _____

Residence **Cupertino, California** _____ Citizenship **India** _____
(City State)

P.O. Address **10480-A Foothill Blvd., Cupertino, California 95014**



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 35,388
Anthony C. Murabito	Registration No.: 35,395
John P. Wagner	Registration No.: 35,393
Glenn D. Barnes	Registration No.: 41,293
Thomas M. Catale	Registration No.: P-45,434
Jose S. Garcia	Registration No.: 43,613
Kenneth N. Glass	Registration No.: 41,587
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 42,041
Ronald M. Pomeroy	Registration No.: 42,009
William A. Zarbis	Registration No.: 46,120

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: **Lawrence S. Pan**

Inventor's Signature _____ Date _____
 Residence Los Gatos, California Citizenship USA
 (City State)

P.O. Address 251 Kingston Hill Way, Los Gatos, California 95032

Full Name of Second/Joint Inventor: **Donald R. Schropp, Jr.**

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)

P.O. Address 835 Asbury Street, San Jose, California 95126

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

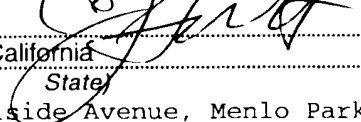
Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature  Date 5/19/00
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: **Shiyou Pei**

Inventor's Signature _____ Date _____

Residence **San Jose, California** _____ Citizenship **China** _____
(City State)

P.O. Address **4194 Hamilton Avenue, Apt. 9, San Jose, California 95130**

Full Name of Twelfth /Joint Inventor: **Kollengode S. Narayanan**

Inventor's Signature _____ Date _____

Residence **Cupertino, California** _____ Citizenship **India** _____
(City State)

P.O. Address **10480-A Foothill Blvd., Cupertino, California 95014**



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
X was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 35,398
Anthony C. Murabito	Registration No.: 35,395
John P. Wagner	Registration No.: 35,393
Glenn D. Barnes	Registration No.: 41,193
Thomas M. Catale	Registration No.: 8-46,434
Jose S. Garcia	Registration No.: 43,623
Kenneth N. Glass	Registration No.: 42,587
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 42,641
Ronald M. Pomerence	Registration No.: 43,009
William A. Zarbis	Registration No.: 46,120

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Lawrence S. Pan

Inventor's Signature, Date,
 Residence Los Gatos, California, Citizenship USA,
 (City State)

P.O. Address 251 Kingston Hill Way, Los Gatos, California 95032

Full Name of Second/Joint Inventor: Donald R. Schropp, Jr.

Inventor's Signature, Date,
 Residence San Jose, California, Citizenship USA,
 (City State)

P.O. Address 935 Asbury Street, San Jose, California 95126

Full Name of Third/Joint Inventor: **Vasil M. Chakarov**

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: **John K. O'Reilly**

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: **George B. Hopple**

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: **Christopher J. Spindt**

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: **Roger W. Barton**

Inventor's Signature *Roger W. Barton* Date 7/28/00
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: **Michael J. Nystrom**

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: **Ramamoorthy Ramesh**

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: **James C. Dunphy**

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: **Shiyou Pei**

Inventor's Signature _____ Date _____

Residence San Jose, California _____ Citizenship China _____
(City State)

P.O. Address 4194 Hamilton Avenue, Apt 9, San Jose, California 95130

Full Name of Twelfth /Joint Inventor: **Kollengode S. Narayanan**

Inventor's Signature _____ Date _____

Residence Cupertino, California _____ Citizenship India _____
(City State)

P.O. Address 10480-A Foothill Blvd., Cupertino, California 95014



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

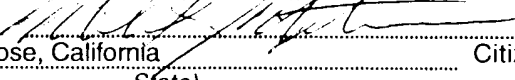
Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature  Date 5/19/2000
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: **Shiyou Pei**

Inventor's Signature _____ Date _____

Residence **San Jose, California** _____ Citizenship **China** _____
(City State)

P.O. Address **4194 Hamilton Avenue, Apt 9, San Jose, California 95130**

Full Name of Twelfth /Joint Inventor: **Kollengode S. Narayanan**

Inventor's Signature _____ Date _____

Residence **Cupertino, California** _____ Citizenship **India** _____
(City State)

P.O. Address **10480-A Foothill Blvd., Cupertino, California 95014**



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
X was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
..... yes no
..... yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 35,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,393
Glenn D. Barnes	Registration No.: 42,293
Thomas M. Catale	Registration No.: P-46,434
Jose S. Garcia	Registration No.: 42,613
Kenneth N. Glass	Registration No.: 42,587
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 42,041
Ronald M. Pomerenke	Registration No.: 43,009
William A. Tarbis	Registration No.: 46,120

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: **Lawrence S. Pan**

Inventor's Signature

Residence Los Gatos, California

(City State) Citizenship USA

P.O. Address 251 Kingston Hill Way, Los Gatos, California 95032

Full Name of Second/Joint Inventor: **Donald R. Schropp, Jr.**

Inventor's Signature

Residence San Jose, California

(City State) Citizenship USA

P.O. Address 835 Asbury Street, San Jose, California 95126

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

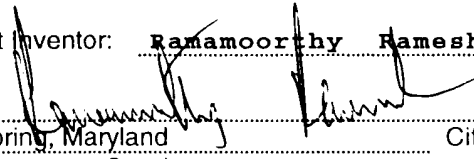
Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature  Date 24 July 2000
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: Shiyou Pei

Inventor's Signature _____ Date _____

Residence San Jose, California _____ Citizenship China _____
(City State)

P.O. Address 4194 Hamilton Avenue, Apt 9, San Jose, California 95130

Full Name of Twelfth /Joint Inventor: Kollengode S. Narayanan

Inventor's Signature _____ Date _____

Residence Cupertino, California _____ Citizenship India _____
(City State)

P.O. Address 10480-A Foothill Blvd., Cupertino, California 95014



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above, and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: 41,293
Thomas M. Catale	Registration No.: P-46,434
Jose S. Garcia	Registration No.: 43,618
Kenneth N. Glass	Registration No.: 42,517
Wilfred H. Lam	Registration No.: 41,913
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 41,041
Ronald M. Pomeranke	Registration No.: 43,009
William A. Carbis	Registration No.: 46,120

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Lawrence S. Pan

Inventor's Signature

Residence Los Gatos, California Date

(City State) Citizenship USA

P.O. Address 251 Kingston Hill Way, Los Gatos, California 95032

Full Name of Second/Joint Inventor: Donald R. Schropp, Jr.

Inventor's Signature

Residence San Jose, California Date

(City State) Citizenship USA

P.O. Address 835 Asbury Street, San Jose, California 95126

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

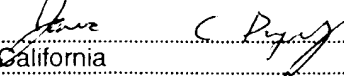
Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature  Date 5/19/2000
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: Shiyou Pei

Inventor's Signature _____ Date _____

Residence San Jose, California _____ Citizenship China _____
(City State)

P.O. Address 4194 Hamilton Avenue, Apt 9, San Jose, California 95130

Full Name of Twelfth /Joint Inventor: Kollengode S. Narayanan

Inventor's Signature _____ Date _____

Residence Cupertino, California _____ Citizenship India _____
(City State)

P.O. Address 10480-A Foothill Blvd., Cupertino, California 95014



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
..... yes no
..... yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,393
Glenn D. Barres	Registration No.: 42,293
Thomas M. Catale	Registration No.: P-46,434
Jose S. Garcia	Registration No.: 43,623
Kenneth N. Glass	Registration No.: 42,597
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher F. Novak	Registration No.: 42,041
Ronald M. Pomeroy	Registration No.: 43,009
William A. Zarbis	Registration No.: 46,120

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
Two North Market Street
Third Floor
San Jose, California 95113
(408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: **Lawrence S. Pan**

Inventor's Signature _____ Date _____
Residence Los Gatos, California Citizenship USA
(City State)

P.O. Address 251 Kingston Hill Way, Los Gatos, California 95032

Full Name of Second/Joint Inventor: **Donald R. Schropp, Jr.**

Inventor's Signature _____ Date _____
Residence San Jose, California Citizenship USA
(City State)

P.O. Address 835 Asbury Street, San Jose, California 95126

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: Shiyou Pei

Inventor's Signature Shiyou Pei Date 5/19/00

Residence San Jose, California Citizenship China
(City State)

P.O. Address ~~1121 Hamilton Avenue, Apt 9, San Jose, California 95130~~

13485 Old Oak Wy, Saratoga, CA 95070 SP
Full Name of Twelfth /Joint Inventor: Kollengode S. Narayanan

Inventor's Signature _____ Date _____

Residence Cupertino, California Citizenship India
(City State)

P.O. Address 10480-A Foothill Blvd., Cupertino, California 95014



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION
the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
<u>09/258,502</u>	<u>02/26/99</u>	<u>PENDING</u>
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 35,395
Anthony C. Murabito	Registration No.: 35,395
John P. Wagner	Registration No.: 35,395
Glenn D. Barnes	Registration No.: 41,293
Thomas M. Catale	Registration No.: 8-45,434
Jose S. Garcia	Registration No.: 43,418
Kenneth N. Glass	Registration No.: 42,587
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 42,041
Ronald M. Pomerence	Registration No.: 43,009
William A. Zarbis	Registration No.: 46,120

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Lawrence S. Pan

Inventor's Signature _____ Date _____
 Residence Los Gatos, California Citizenship USA
 (City State)

P.O. Address 251 Kingston Hill Way, Los Gatos, California 95032

Full Name of Second/Joint Inventor: Donald R. Schropp, Jr.

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)

P.O. Address 835 Asbury Street, San Jose, California 95126

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: Shiyou Pei

Inventor's Signature _____ Date _____

Residence San Jose, California _____ Citizenship China _____
(City State)

P.O. Address 4194 Hamilton Avenue, Apt 9, San Jose, California 95130

Full Name of Twelfth /Joint Inventor: Kollengode S. Narayanan

Inventor's Signature *K. Narayanan* _____ Date 8-10-00 _____

Residence Cupertino, California _____ Citizenship India _____
(City State)

P.O. Address 10480-A Foothill Blvd., Cupertino, California 95014



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 38,295
John P. Wagner	Registration No.: 39,398
Glenn D. Barnes	Registration No.: 41,293
Thomas M. Catale	Registration No.: P-45,434
Jose S. Garcia	Registration No.: 43,618
Kenneth N. Glass	Registration No.: 42,587
Wilfred H. Lar	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 41,041
Ronald M. Pomeroy	Registration No.: 43,009
William A. Zarbis	Registration No.: 46,120

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
Two North Market Street
Third Floor
San Jose, California 95113
(408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Lawrence S. Pan

Inventor's Signature _____ Date _____

Residence Los Gatos, California Citizenship USA
(City State)

P.O. Address 251 Kingston Hill Way, Los Gatos, California 95032

Full Name of Second/Joint Inventor: Donald R. Schropp, Jr.

Inventor's Signature _____ Date _____

Residence San Jose, California Citizenship USA
(City State)

P.O. Address 835 Asbury Street, San Jose, California 95126

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature John K. O'Reilly Date 27 June 2000
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: **Shiyou Pei**

Inventor's Signature _____ Date _____

Residence **San Jose, California** _____ Citizenship **China** _____
(City State)

P.O. Address **4194 Hamilton Avenue, Apt 9, San Jose, California 95130**

Full Name of Twelfth /Joint Inventor: **Kollengode S. Narayanan**

Inventor's Signature _____ Date _____

Residence **Cupertino, California** _____ Citizenship **India** _____
(City State)

P.O. Address **10480-A Foothill Blvd., Cupertino, California 95014**



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
..... yes no
..... yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,285
John P. Wagner	Registration No.: 35,345
Glenn D. Barnes	Registration No.: 42,183
Thomas M. Catale	Registration No.: P-46,434
Jose S. Garcia	Registration No.: 43,625
Kenneth N. Glass	Registration No.: 42,587
Wilfred H. Lar	Registration No.: 41,922
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 43,041
Ronald M. Pomeroy	Registration No.: 43,009
William A. Zarbis	Registration No.: 46,120


Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: **Lawrence S. Pan**

Inventor's Signature  Date **5/19/01**

Residence **Los Gatos, California** Citizenship **USA**
 (City State)

P.O. Address **251 Kingston Hill Way, Los Gatos, California 95032**

Full Name of Second/Joint Inventor: **Donald R. Schropp, Jr.**

Inventor's Signature _____ Date _____

Residence **San Jose, California** Citizenship **USA**
 (City State)

P.O. Address **835 Asbury Street, San Jose, California 95126**

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: Shiyou Pei

Inventor's Signature _____ Date _____

Residence San Jose, California Citizenship China
(City State)

P.O. Address 4194 Hamilton Avenue, Apt 9, San Jose, California 95130

Full Name of Twelfth /Joint Inventor: Kollengode S. Narayanan

Inventor's Signature _____ Date _____

Residence Cupertino, California Citizenship India
(City State)

P.O. Address 10480-A Foothill Blvd., Cupertino, California 95014



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
 was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
<u>09/258,502</u>	<u>02/26/99</u>	<u>PENDING</u>
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 35,393
Anthony C. Murabito	Registration No.: 35,395
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: 40,293
Thomas M. Catale	Registration No.: P-45,434
Jose S. Garcia	Registration No.: 43,633
Kenneth N. Glass	Registration No.: 40,587
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 43,041
Ronald M. Pomeroy	Registration No.: 43,009
William A. Zarbis	Registration No.: 46,120

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
Two North Market Street
Third Floor
San Jose, California 95113
(408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Lawrence S. Pan

Inventor's Signature _____ Date _____
Residence Los Gatos, California _____ Citizenship USA
(City State)

P.O. Address 251 Kingston Hill Way, Los Gatos, California 95032

Full Name of Second/Joint Inventor: Donald R. Schropp, Jr.

Inventor's Signature Donald R. Schropp, Jr. _____ Date July 27, 2000
Residence San Jose, California _____ Citizenship USA
(City State)

P.O. Address 335 Asbury Street, San Jose, California 95126

Full Name of Third/Joint Inventor: Vasil M. Chakarov

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: John K. O'Reilly

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: George B. Hopple

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: Christopher J. Spindt

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: Roger W. Barton

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: Michael J. Nystrom

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: Ramamoorthy Ramesh

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: James C. Dunphy

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: **Shiyou Pei**

Inventor's Signature _____ Date _____

Residence San Jose, California _____ Citizenship China _____
(City State)

P.O. Address 4194 Hamilton Avenue, Apt 9, San Jose, California 95130

Full Name of Twelfth /Joint Inventor: **Kollengode S. Narayanan**

Inventor's Signature _____ Date _____

Residence Cupertino, California _____ Citizenship India _____
(City State)

P.O. Address 10480-A Foothill Blvd., Cupertino, California 95014



Declaration and Power of Attorney for a Patent Application

Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TAILORED SPACER WALL COATINGS FOR REDUCED SECONDARY ELECTRON EMISSION

the specification of which:

..... is attached hereto, or
☒ was filed on 01/28/00 as application serial no. 09/493,697 : and
..... was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed
.....	yes no
.....	yes no

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING
.....

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,393
Anthony C. Murabito	Registration No.: 35,195
John P. Wagner	Registration No.: 35,393
Glenn D. Barnes	Registration No.: 41,193
Thomas M. Catale	Registration No.: P-46,434
Jose S. Garcia	Registration No.: 43,613
Kenneth N. Glass	Registration No.: 42,587
Wilfred H. Lam	Registration No.: 41,913
Patrick W. Ma	Registration No.: 44,113
Christopher R. Novak	Registration No.: 42,641
Ronald M. Pomeroy	Registration No.: 43,619
William A. Zarbis	Registration No.: 46,110

Send Correspondence to:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, California 95113
 (408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: **Lawrence S. Pan**

Inventor's Signature _____ Date _____
 Residence **Los Gatos, California** Citizenship **USA**
 (City State)

P.O. Address **251 Kingston Hill Way, Los Gatos, California 95032**

Full Name of Second/Joint Inventor: **Donald R. Schropp, Jr.**

Inventor's Signature _____ Date _____
 Residence **San Jose, California** Citizenship **USA**
 (City State)

P.O. Address **835 Asbury Street, San Jose, California 95126**

Full Name of Third/Joint Inventor: **Vasil M. Chakarov**

Inventor's Signature *V. Chakarov* Date 07/24/00
 Residence San Jose, California Citizenship Bulgaria
 (City State)
 P.O. Address 6240 Sager Way, San Jose, California 95123

Full Name of Fourth/Joint Inventor: **John K. O'Reilly**

Inventor's Signature _____ Date _____
 Residence San Francisco, California Citizenship Ireland
 (City State)
 P.O. Address 617 Eighth Avenue, San Francisco, California 94118

Full Name of Fifth/Joint Inventor: **George B. Hopple**

Inventor's Signature _____ Date _____
 Residence Palo Alto, California Citizenship USA
 (City State)
 P.O. Address 167 Webster Street, Palo Alto, California 94306

Full Name of Sixth/Joint Inventor: **Christopher J. Spindt**

Inventor's Signature _____ Date _____
 Residence Menlo Park, California Citizenship USA
 (City State)
 P.O. Address 115 Hillside Avenue, Menlo Park, California 94025

Full Name of Seventh/Joint Inventor: **Roger W. Barton**

Inventor's Signature _____ Date _____
 Residence Tofte, Minnesota Citizenship USA
 (City State)
 P.O. Address 24 Country Road #34, Tofte, Minnesota 55615

Full Name of Eighth/Joint Inventor: **Michael J. Nystrom**

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1859 Andrews Avenue, San Jose, California 95124

Full Name of Ninth/Joint Inventor: **Ramamoorthy Ramesh**

Inventor's Signature _____ Date _____
 Residence Silver Spring, Maryland Citizenship India
 (City State)
 P.O. Address 12526 Strafford Garden Drive, Silver Spring, Maryland 20904

Full Name of Tenth /Joint Inventor: **James C. Dunphy**

Inventor's Signature _____ Date _____
 Residence San Jose, California Citizenship USA
 (City State)
 P.O. Address 1502 Minnesota Avenue, San Jose, California 95125

Full Name of Eleventh /Joint Inventor: **Shiyou Pei**

Inventor's Signature _____ Date _____

Residence **San Jose, California** _____ Citizenship **China** _____
(City State)

P.O. Address **4194 Hamilton Avenue, Apt 9, San Jose, California 95130**

Full Name of Twelfth /Joint Inventor: **Kollengode S. Narayanan**

Inventor's Signature _____ Date _____

Residence **Cupertino, California** _____ Citizenship **India** _____
(City State)

P.O. Address **10480-A Foothill Blvd., Cupertino, California 95014**